Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 05 Jan 2023 until 23:59 on Friday 06 Jan 2023

Forecast Issued on Thursday 05 Jan 2023 at 04:07

Confidence: High for unsettled and often windy conditions with showers or longer spells of rain in the coming days.

Headline for Thursday 05 Jan 2023: Mostly cloudy with outbreaks of rain or drizzle. Becoming windy.

Mountain weather hazards on Thursday 05 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability					
20%	10%	40%	30%	50%	90%

Forecast for Thursday 05 Jan 2023

Weather: A mostly cloudy day and increasingly windy day, with outbreaks of rain or drizzle, though some brighter interludes could develop for a time in the east in the afternoon. Thicker cloud in evening will bring a band of heavy rain across the area.

Chance of cloud-free hill tops above 600m: 20-40% with best chance in east, decreasing 10% in evening

Low Cloud and visibility: Mainly good visibility at lower elevation, but moderate at times in rain and drizzle and occasionally poor in heavy rain later. Very poor within cloud though with lengthy periods 500-700m, but patches 250m at first and occasionally broken 700-900m in east, this more likely in the morning. Becoming extensive down to 400 or 500m in evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Thursday 05 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/24 W	17/21 SW	24/32 SW	23/32 SW	31/42 SW	24/33 SW	23/33 SW
300	10/24 W	7/18 SW	15/31 SW	14/32 SW	17/37 SW	15/31 SW	16/33 SW
Valley	4/15 SW	6/16 SW	11/28 SW	13/32 SW	15/36 SW	12/27 SW	12/28 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-0	6/1	6/2	7/2	7/1	5/-1	4/-3
300	7/4	7/5	8/5	9/6	9/5	7/3	6/2
Valley	8/7	8/6	9/7	10/7	10/7	8/5	7/4
Freezing Level*	1300m	1800m	1700m	1700m	1900m	1300m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Mild but becoming windy at height with some chill effect over the tops, especially in evening with heavy rain.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 05 Jan 2023	12.6mm	31.6mm	31.8mm

Forecast for Friday 06 Jan 2023

Weather: Rain clearing overnight with skies clearing, leading to patchy mist or fog. Then mainly dry and bright with sunny spells as mist and fog clears, but rather cloudy with a few showers from late morning and thicker cloud through the evening with outbreaks of rain spreading from west,

Maximum wind: Southwest 10mph, increasing 15mph in morning, then 20-25 gusts 35mph in afternoon, but becoming southerly 25-30 gusts 40mph over the tops in the evening.

Chance of cloud-free hill tops above 600m: 60 or 70%, reducing to 10% in evening.

Low Cloud and visibility: Mainly good visibility away from early mist and fog, but poor in heavy rain late evening. Occasionally very poor at height in cloud, but widely so in evening, generally scattered to broken cloud above 600-900m, but perhaps more extensive at times in afternoon and widespread 400-500m in evening.

Temperature: **Valleys:** Plus 5 or 6 C rising to plus 11 C
At 600m: Plus 4 or 5 C
Freezing level: Above the tops.

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